

**THE**      **OF**      **AND**      **BY**

5 Network data is monitored on the external network data port. Information about the network data traffic is compared to one or more threshold conditions. The network switch is automatically configured if the network data meets one of the threshold conditions. The monitor and configuration functions can be performed by software running on the processor which has  
10 been downloaded from an external network maintenance station through a maintenance data port. Information about the network data traffic can be uploaded to the external network maintenance station through a maintenance data port.